IN THE CLAIMS:

·This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (currently amended)A computer system comprising:÷

a first storage system;

a second storage system which connected to said first storage system via a first communication channel; and

a computer which connected to said second storage system via a second communication channel,

wherein said first storage system sends encrypted data to said second storage system via the first communication channel,

wherein said second storage system receives said encrypted data from said first storage system , and stores said encrypted data without decrypting,

wherein said computer reads out said encrypted data from said second storage system via said second communication channel based on a particular timing, decrypts said encrypted data, and sends buck decrypted data to said second storage system, and

wherein said second storage system receives said decrypted data from said computer and stores said decrypted data.

Claims 2-28 (canceled).

29.　(previously presented)　A computer system according to claim 1, wherein said particular timing is a predetermined scheduled cyclic time.

30.　(previously presented)　A computer system according to claim 1, wherein said particular timing is when said computer receives a request from said second storage system via said second communication channel.

31.　(previously presented)　A computer system according to claim 1, wherein said second storage system stores said decrypted data into a place where said encrypted data were stored.

32.　(previously presented)　A computer system according to claim 1, wherein said second storage system has a memory, and said second storage system stores information, which includes address of place in where said encrypted data are stored, in said memory when said second storage system stores said encrypted data.

33.　(previously presented)　A computer system according to claim 32, wherein said computer reads said information from said second storage system and, reads out said encrypted data and sends said decrypted data based on said address included in said information.

34.   (previously presented)   A computer system according to claim 32, wherein said particular timing is when said computer receives a request from said second storage system via said second communication channel,

wherein said second storage system sends said request when said memory is short of storing said information.

35.   (previously presented)   A computer system according to claim 30, wherein said first storage system sends a key for decryption to said second storage system,

wherein said computer reads said key for decryption from said second storage system and decrypts said encrypted data by using said key for decryption.

36.   (previously presented)   A computer system comprising:

a first storage system; and

a second storage system which connected to said first storage system via a communication channel,

wherein said first storage system sends encrypted data to said second storage system via the communication channel;

wherein said second storage system receives said encrypted data from said first storage system, and stores said encrypted data without decrypting,

wherein said second storage system decrypts said encrypted data based on a particular timing and stores said decrypted data.

37.　(previously presented)　A computer system according to claim 36, wherein said particular timing is a predetermined scheduled cyclic time.

38.　(previously presented)　A computer system according to claim 37, wherein said second storage system stores said decrypted data into a place where said encrypted data were stored.

39.　(previously presented)　A computer system according to claim 38, wherein said second storage system has a memory, and said second storage system stores information, which includes address of place in where said encrypted data are stored, in said memory when said second storage system stores said encrypted data.

40.　(previously presented)　A computer system according to claim 39, wherein said second storage system reads said encrypted data and stores said decrypted data based on said address included in said information.

41.　(previously presented)　A computer system according to claim 40, wherein said particular timing is when said memory is short of storing said information.

42.　(previously presented)　A computer system according to claim 41, wherein said first storage system sends a key for decryption to said second storage system,

wherein said second storage system decrypts said encrypted data by using said key for decryption.